| Location                                     | Date/Time   | Deaths &<br>Injuries            | Property &<br>Crop Dmg | Event Type and Details               |
|--|---|---------------------------------|------------------------|--------------------------------------|
| (ANSAS, Southeast                            |   |                                 |                        |                                      |
| SEDGWICK COUNTY 3.3 W                        | WICHITA [37.7197.39]  |                                 |                        |                                      |
|  | 07/02/08 14:52 CST  |                                 | 0                      | Hail (0.75 in)                       |
|  | 07/02/08 14:52 CST  |                                 | 0                      | Source: Amateur Radio                |
| enny size hail fell at 13th and \            | West streets on the west side of Wichita.   |                                 |                        |                                      |
| CHASE COUNTY 0.5 W COT                       | TONWOOD FALLS [38.37, -96.54]   |                                 |                        |                                      |
|  | 07/02/08 15:53 CST  |                                 | 0                      | Thunderstorm Wind (EG 52 kt)         |
|  | 07/02/08 15:53 CST  |                                 | 0                      | Source: Trained Spotter              |
| CHASE COUNTY 3.5 N SAFF                      | FORDVII I F [38 43 -96 40]  |                                 |                        |                                      |
|  | 07/02/08 15:58 CST  |                                 | 0                      | Hail (1.00 in)                       |
|  | 07/02/08 15:58 CST  |                                 | 0                      | Source: Trained Spotter              |
|  | TOURIOOD FALLS TO ST. CT. T.  |                                 |                        |                                      |
| HASE COUNTY 0.5 W COT                        | TONWOOD FALLS [38.37, -96.54]<br>07/02/08 16:04 CST   |                                 | 5K                     | Thunderstorm Wind (EG 56 kt)         |
|  | 07/02/06 16:04 CST<br>07/02/08 16:04 CST  |                                 | 0<br>0                 | Source: Trained Spotter              |
|  |   |                                 | -                      | Course. Trained opolier              |
| several large trees were blown               | down from high winds. Winds were estimated to   | o be at least 65 m <sub>l</sub> | on.                    |                                      |
| CHASE COUNTY 1.1 W ELM                       |   |                                 |                        |                                      |
|  | 07/02/08 16:45 CST  |                                 | 5K                     | Thunderstorm Wind (EG 56 kt)         |
|  | 07/02/08 16:45 CST  |                                 | 0                      | Source: Law Enforcement              |
| Several large trees were blown               | down from high winds. Winds were estimated a  | at 65 mph.                      |                        |                                      |
| MARION COUNTY 0.7 S FLC                      | DRENCE [38.24, -96.93]  |                                 |                        |                                      |
|  | 07/02/08 16:50 CST  |                                 | 0                      | Hail (1.00 in)                       |
|  | 07/02/08 16:50 CST  |                                 | 0                      | Source: Broadcast Media              |
| Pea to quarter sized hail occurre            | ed in Florence. KAKE news relayed this report.  |                                 |                        |                                      |
| CHASE COUNTY 0.5 W COT                       | TONWOOD FALLS [38.37, -96.54]   |                                 |                        |                                      |
|  | 07/02/08 16:57 CST  |                                 | 0                      | Thunderstorm Wind (EG 52 kt)         |
|  | 07/02/08 16:57 CST  |                                 | 0                      | Source: Trained Spotter              |
| High winds picked up suddenly                | from the south.   |                                 |                        |                                      |
|  | EDAR PT [38.29, -96.75], 3.5 ENE CEDAR PT [   | 38.29, -96.76], 1.1             | WSW CEDAR PT           | [38.27, -96.84], 1.2 SSW CEDAR PT    |
| 38.26, -96.83], 2.0 E CEDAR P1               | T [38.27, -96.78]<br>07/02/08 17:56 CST   |                                 | 35K                    | Flash Flood (due to Heavy Rain)      |
|  | 07/02/08 23:00 CST  |                                 | 0                      | Source: Law Enforcement              |
|  |   |                                 |                        |                                      |
| Water was reported over highwa<br>over them. | ay 50 between mile marker 311 and 312. Sever  | al rural roads in th            | e Cedar Point are      | a were also closed due to high water |
| ELLSWODTH COUNTY OAK                         | NNW CARNEIRO [38.86, -98.07]  |                                 |                        |                                      |
| ELLSWORTH COUNTY 9.2 N                       | 07/02/08 19:42 CST  |                                 | 0                      | Hail (1.00 in)                       |
|  | 07/02/08 19:42 CST  |                                 | 0                      | Source: Amateur Radio                |
| size of quarters and wind gust               | ggered several severe thunderstorms from Ch<br>is to 60 mph occurred with the storms. The slo | =                               | <del>-</del>           |                                      |
| near the town of Cedar Point.                |   |                                 |                        |                                      |
| BARTON COUNTY 5.6 SE DI                      | UNDEE [38.26, -98.81], 5.6 SE DUNDEE [38.26   | , -98.80]                       | 0                      | Torondo (FFO L. 0.42 mi: W. 40d.)    |
|  | 07/08/08 17:27 CST  |                                 | 0                      | Tornado (EF0, L: 0.42 mi , W: 40 yd) |

07/08/08 17:28 CST

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Source: Trained Spotter

0

| Location   | Date/Time  | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details                   |  |  |
|--|--|----------------------|------------------------|--|--|--|
| A brief touch down of a landspout tornado occurred in an open field. |  |                      |                        |  |  |  |
| BARTON COUNTY 2.3 ESE GREAT BEI                                      | BEND ARPT [38.34, -98.81], 2.6 ESE GREAT BEND ARPT [38.34, -98.80] 07/08/08 17:29 CST 0 Tornado (EF0, L: 0.31 mi , W: 40 yd) |                      |                        |  |  |  |
|  | 07/08/08 17:30 CST   |                      | 0                      | Source: Trained Spotter                  |  |  |
| A rope type landspout tornado was reported                           | d in an open field.  |                      |                        |  |  |  |
| Showers and thunderstorms developed o                                | n an outflow boundary in Barton  | County producing     | two brief, landspo     | out tornadoes.                           |  |  |
| CHASE COUNTY 4.9 E BAZAAR [38.27,                                    | , -96.44], 5.2 E BAZAAR [38.27, -9   | 6.43]                |                        |  |  |  |
|  | 07/09/08 15:40 CST   |                      | 0                      | Tornado (EF0, L: 0.37 mi , W: 40 yd)     |  |  |
|  | 07/09/08 15:41 CST   |                      | 0                      | Source: Law Enforcement                  |  |  |
| A brief landspout tornado touched down in                            | an open field.   |                      |                        |  |  |  |
| CHASE COUNTY 6.5 E BAZAAR [38.26,                                    | 96.41], 6.8 E BAZAAR [38.26, -9  | 6.41]                |                        |  |  |  |
|  | 07/09/08 15:46 CST   |                      | 0                      | Tornado (EF0, L: 0.29 mi , W: 40 yd)     |  |  |
|  | 07/09/08 15:48 CST   |                      | 0                      | Source: Trained Spotter                  |  |  |
| A brief landspout tornado touched down in                            | an open field.   |                      |                        |  |  |  |
| Thunderstorms developed along a station                              | nary front producing two brief. lar  | ndspout tornadoes    | in Chase County.       |  |  |  |
|  | ,  |                      |                        |  |  |  |
| CHASE COUNTY 6.0 W ELMDALE [38.3                                     | •  |                      | _                      |  |  |  |
|  | 07/22/08 16:00 CST   |                      | 0                      | Hail (0.88 in)                           |  |  |
|  | 07/22/08 16:00 CST   |                      | 0                      | Source: Trained Spotter                  |  |  |
| LABETTE COUNTY 8.3 E PARSONS [37                                     | 7.34, -95.12]  |                      |                        |  |  |  |
|  | 07/22/08 16:42 CST   |                      | 0                      | Hail (0.75 in)                           |  |  |
|  | 07/22/08 16:42 CST   |                      | 0                      | Source: Public                           |  |  |
| The hail occurred on Highway 400 between                             | mile markers 412 and 413.  |                      |                        |  |  |  |
| NEOSHO COUNTY 4.0 N GALESBURG  | [27 52 .Q5 3 <i>A</i> ]  |                      |                        |  |  |  |
| NEOSHO COUNTT 4.0 N GALESBURG  | [37.53, -95.34]<br>07/22/08 17:32 CST  |                      | 0                      | Hail (1.00 in)                           |  |  |
|  | 07/22/08 17:32 CST   |                      | 0                      | Source: Public                           |  |  |
| The hail occurred on Highway 47, 4 miles w                           | vest of the Highway 59 and Highwa  | ay 47 intersection.  |                        |  |  |  |
| NEOSHO COUNTY 0.6 W GALESBURG  | [37.47, -95.36]  |                      |                        |  |  |  |
|  | 07/22/08 17:42 CST   |                      | 0                      | Hail (0.88 in)                           |  |  |
|  | 07/22/08 17:42 CST   |                      | 0                      | Source: Law Enforcement                  |  |  |
| SEDGWICK COUNTY 3.7 NE VALLEY C                                      | ENTER [37.87, -97.33]  |                      |                        |  |  |  |
|  | 07/22/08 17:42 CST   |                      | 0                      | Hail (1.00 in)                           |  |  |
|  | 07/22/08 17:53 CST   |                      | 0                      | Source: Emergency Manager                |  |  |
| Winds of 60 to 70 mph occurred with the hamore details.              | ill, producing extensive damage. R   | efer to the "Thunde  | erstorm Wind" entry    | for the same date, time and location for |  |  |
|  | CENTER [37.8897.33]  |                      |                        |  |  |  |
| SEDGWICK COUNTY 4.3 NNE VALLEY                                       |  |                      | 0.0514                 | Thunderstorm Wind (FC 65 ld)             |  |  |
| SEDGWICK COUNTY 4.3 NNE VALLEY                                       | 07/22/08 17:42 CST   |                      | 0.25M                  | Thunderstorm Wind (EG 65 kt)             |  |  |

garage roof was peeled off, and a camper suffered major damage from the wind and hail.

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| 6 [38.57, -97.69]<br>07/22/08 18:32 CST<br>07/22/08 18:32 CST<br>60, -97.67]<br>07/22/08 18:42 CST<br>07/22/08 18:42 CST<br>07/22/08 19:43 CST<br>07/22/08 19:50 CST<br>g a weak frontal boundary a of a weak upper level distured a damage across a relatively | =  | 0<br>0<br>0<br>0   | Thunderstorm Wind (EG 52 kt) Source: Trained Spotter  Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.50 in) Source: Fire Department/Rescue   |
|---|--|--|---|
| 07/22/08 18:32 CST  60, -97.67] 07/22/08 18:42 CST 07/22/08 18:42 CST  6.93] 07/22/08 19:43 CST 07/22/08 19:50 CST  g a weak frontal boundary a of a weak upper level disture   | =  | 0 0 0  | Source: Trained Spotter  Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.50 in)   |
| 60, -97.67]<br>07/22/08 18:42 CST<br>07/22/08 18:42 CST<br>6.93]<br>07/22/08 19:43 CST<br>07/22/08 19:50 CST<br>g a weak frontal boundary a<br>of a weak upper level distur   | =  | 0 0  | Thunderstorm Wind (EG 52 kt) Source: Law Enforcement  Hail (1.50 in)  |
| 07/22/08 18:42 CST<br>07/22/08 18:42 CST<br>6.93]<br>07/22/08 19:43 CST<br>07/22/08 19:50 CST<br>g a weak frontal boundary a<br>of a weak upper level distur  | =  | 0  | Source: Law Enforcement  Hail (1.50 in)   |
| 07/22/08 18:42 CST  6.93] 07/22/08 19:43 CST 07/22/08 19:50 CST  g a weak frontal boundary a of a weak upper level distur   | =  | 0  | Source: Law Enforcement  Hail (1.50 in)   |
| 6.93]<br>07/22/08 19:43 CST<br>07/22/08 19:50 CST<br>g a weak frontal boundary a<br>of a weak upper level distur  | =  | 0  | Hail (1.50 in)  |
| 07/22/08 19:43 CST<br>07/22/08 19:50 CST<br>g a weak frontal boundary a<br>of a weak upper level distur   | =  |  |   |
| 07/22/08 19:43 CST<br>07/22/08 19:50 CST<br>g a weak frontal boundary a<br>of a weak upper level distur   | =  |  |   |
| 07/22/08 19:50 CST<br>g a weak frontal boundary a<br>of a weak upper level distur   | =  |  |   |
| g a weak frontal boundary a<br>of a weak upper level distur   | =  | 0  | Source: Fire Department/Rescue  |
| of a weak upper level distur  | =  |  |   |
|   | small area of no   | =  |   |
| 9 <b>.01]</b><br>07/26/08 15:47 CST   |  | 0  | Thunderstorm Wind (EG 56 kt)  |
|   |  |  | Source: Trained Spotter   |
| 07/20/00 13.47 031  |  | O  | Source. Trained Spotter   |
| · •   |  |  |   |
| 07/26/08 19:10 CST  |  |  | Thunderstorm Wind (EG 52 kt)  |
| 07/26/08 19:10 CST  |  | 0  | Source: Trained Spotter   |
| ts of 60 to 65 mph and local  |  | =  | alate afternoon and   |
| 07/28/08 16:55 CST  |  | 0  | Hail (1.75 in)  |
| 07/28/08 16:55 CST  |  | 0  | Source: Trained Spotter   |
|   |  |  |   |
| =   |  | 0  | Hail (1.75 in)  |
|   |  |  | Source: Trained Spotter   |
| 07720700 17:10 001  |  | · ·  | Course. Trained Spotter   |
| -   |  | 0.4514   | Therefore Mind (FO 04 H)  |
|   |  |  | Thunderstorm Wind (EG 61 kt)  |
| 07/28/08 17:15 CST  |  | 0  | Source: Emergency Manager   |
| constructed, were heavily da  | maged. A residen   | ce sustained roof  | f, siding and window damage, and a  |
| 19]   |  |  |   |
| 07/28/08 17:17 CST  |  | 0  | Hail (1.00 in)  |
| 07/28/08 17:17 CST  |  | 0  | Source: Trained Spotter   |
|   | 2.54] 07/28/08 16:55 CST 07/28/08 16:55 CST 07/28/08 17:15 CST | 7.68, -97.63] 07/26/08 19:10 CST 07/26/08 19:10 CST ected portions of central and south-central Kats of 60 to 65 mph and locally very heavy rain  5.54] 07/28/08 16:55 CST 07/28/08 16:55 CST  .54] 07/28/08 17:15 CST 07/28/08 17:15 CST 07/28/08 17:15 CST 07/28/08 17:15 CST  .54] 07/28/08 17:15 CST | 7.68, -97.63] 07/26/08 19:10 CST 07/26/08 19:10 CST 0 07/26/08 19:10 CST 0 0  Exceed portions of central and south-central Kansas during the its of 60 to 65 mph and locally very heavy rainfall occurred.  5.4] 07/28/08 16:55 CST 0 07/28/08 16:55 CST 0 07/28/08 17:15 CST 0 07/28/08 17:15 CST 0 07/28/08 17:15 CST 0 07/28/08 17:15 CST 0 0 0.15M 07/28/08 17:15 CST |

 $\label{thm:lighway 160} \ \ \text{near Oak Valley was barricaded due to water over the road}.$ 

Areas of thunderstorms with heavy rain during the evening and overnight hours of July 29th produced localized relatively minor flooding across portions of southeast Kansas.

07/29/08 23:00 CST 07/30/08 07:00 CST

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Source: Law Enforcement

0 Flood (due to Heavy Rain)

0

Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

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